

## **CABLE STORAGE DEVICE PROVIDING CONTINUOUS ADJUSTABILITY WITH CONTROLLED BEND RADIUS**

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### **ABSTRACT OF THE DISCLOSURE**

10 A device for storing and deploying cable, including but not limited to optical fiber  
cable. The device includes a substantially planar bottom support surface having juxtaposed  
thumb segments and an intervening finger segment. An outer wall is affixed to the bottom  
surface about its perimeter and extends upwardly therefrom. A substantially circular guide  
wall is disposed on the bottom surface extending upwardly therefrom. A substantially  
circular inner wall is concentrically arranged with respect to the guide wall. A top flange is  
joined to the support surface by the outer wall and, together with the thumb segments, form  
entry and exit ports for the cable. The guide wall and the inner wall define a guide track that  
is dimensioned so as to enable continuous adjustment of variable lengths of cable in an area  
of the device bounded by the guide track, the outer wall and a transverse barrier that extends  
the length of the finger segment. The guide track operates to secure the cable in the device  
once an appropriate length has been accumulated or deployed.